

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110518\
 Data File : BN003431.D
 Acq On : 05 Nov 2018 16:00
 Operator : MJ/SJ
 Sample : J5635-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40J6

Manual Integrations
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Quant Time: Nov 05 17:20:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 05 15:40:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	10791	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	45578	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	26376	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	55588m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	38669m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	33718m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	22238	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	49111m	0.31	ng/ul	0.00
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.31	142	4602	0.050	ng/ul	99
12) Phenanthrene	17.28	178	9220	0.051	ng/ul	96
15) Fluoranthene	19.29	202	36436m	0.178	ng/ul	
17) Pyrene	19.65	202	32490	0.231	ng/ul	98
18) Benzo(a)anthracene	21.39	228	13600m	0.112	ng/ul	
19) Chrysene	21.45	228	15119m	0.110	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	20278m	0.140	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	7225m	0.051	ng/ul	
23) Benzo(a)pyrene	23.63	252	13030m	0.107	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.08	276	9913m	0.076	ng/ul	
26) Benzo(g,h,i)perylene	26.80	276	6807m	0.061	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

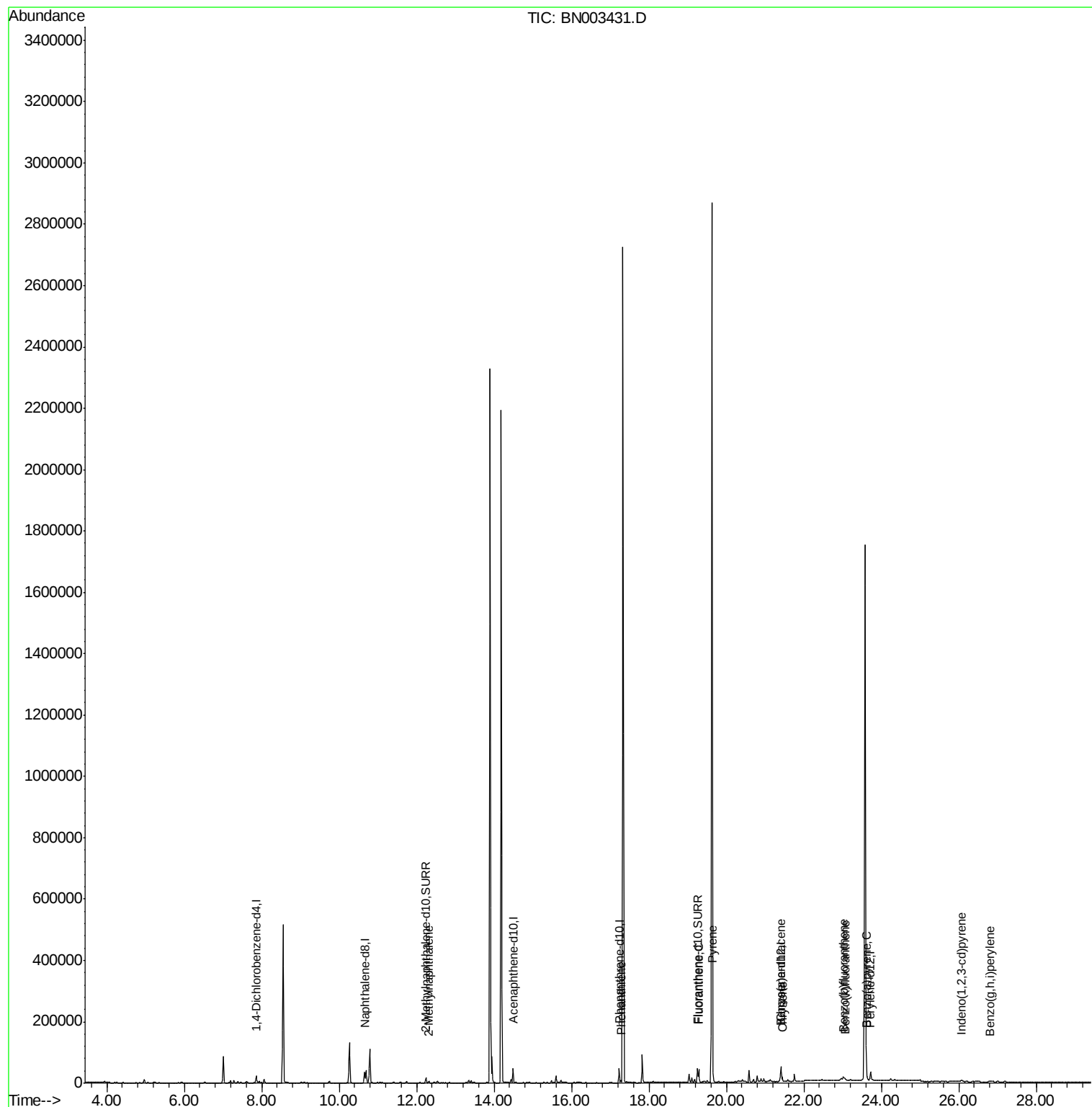
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110518\
Data File : BN003431.D
Acq On : 05 Nov 2018 16:00
Operator : MJ/SJ
Sample : J5635-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

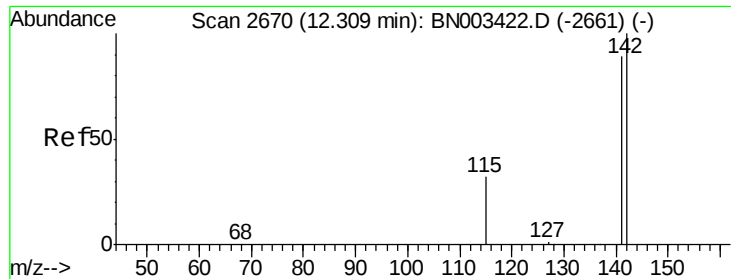
Instrument :
BNA_N
ClientSampleId :
A40J6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 05 15:40:40 2018
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#5

2-Methylnaphthalene

Concen: 0.050 ng/ul

RT: 12.31 min Scan# 2671

Delta R.T. 0.01 min

Lab File: BN003431.D

Acq: 05 Nov 2018 16:00

Instrument :

BNA_N

ClientSampleId :

A40J6

Tgt Ion:142 Resp: 4602

Ion Ratio Lower Upper

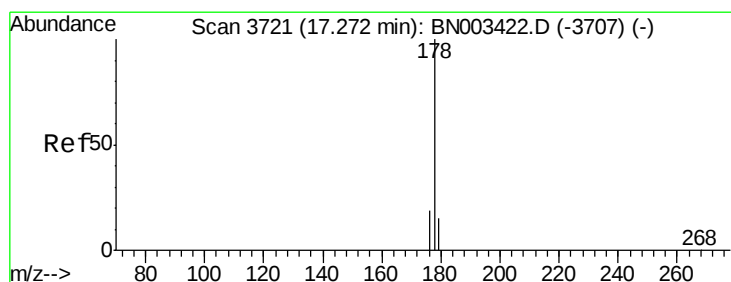
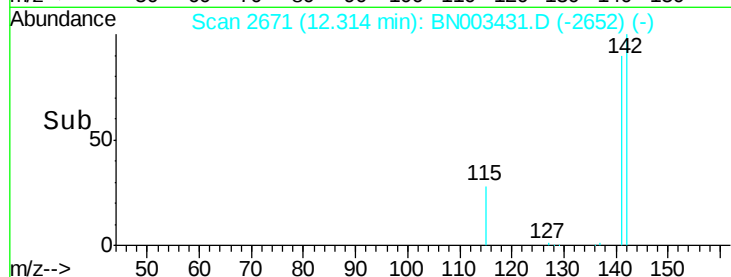
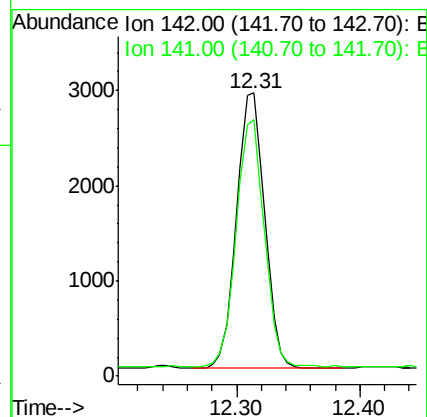
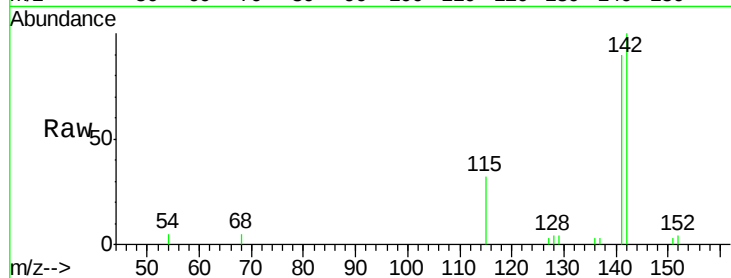
142 100

141 89.6 71.2 106.8

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#12

Phenanthrene

Concen: 0.051 ng/ul

RT: 17.28 min Scan# 3722

Delta R.T. 0.00 min

Lab File: BN003431.D

Acq: 05 Nov 2018 16:00

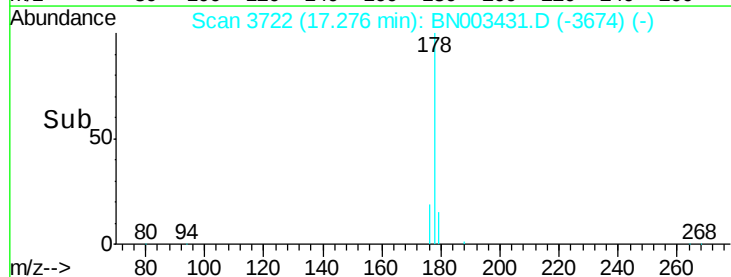
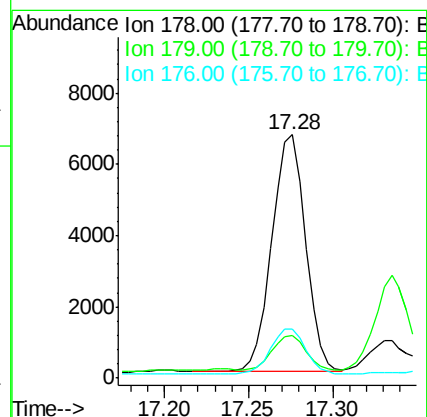
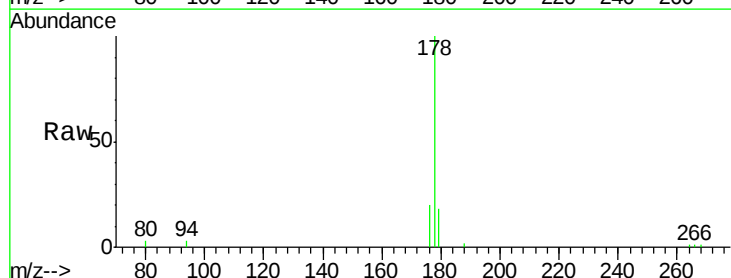
Tgt Ion:178 Resp: 9220

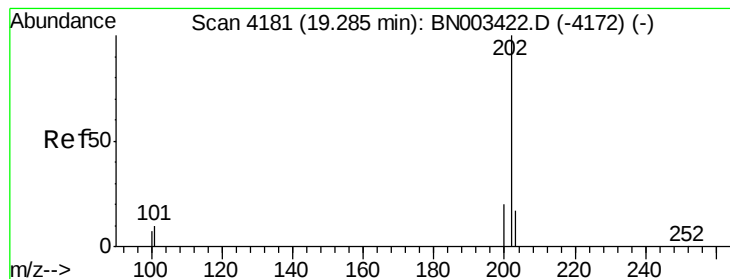
Ion Ratio Lower Upper

178 100

179 17.7 12.4 18.6

176 20.3 15.0 22.4





#15

Fluoranthene

Concen: 0.178 ng/ul m

RT: 19.29 min Scan# 4181

Delta R.T. -0.00 min

Lab File: BN003431.D

Acq: 05 Nov 2018 16:00

Instrument :

BNA_N

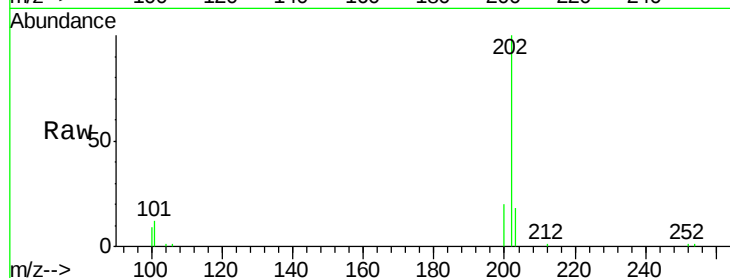
ClientSampleId :

A40J6

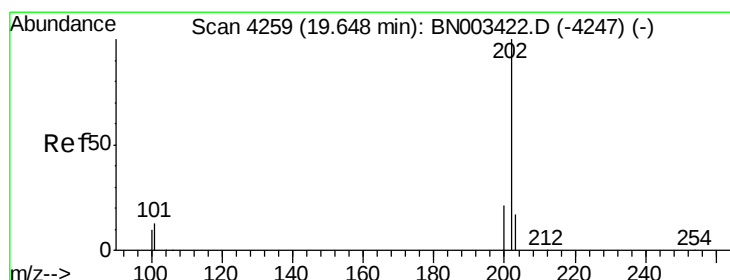
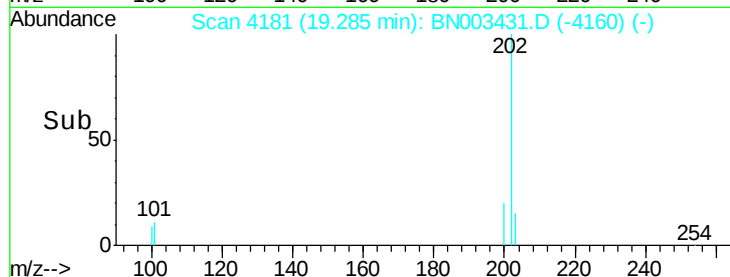
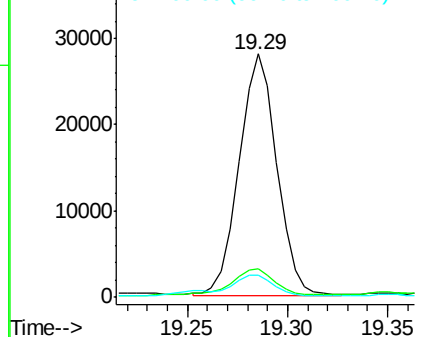
Tgt	Ion	202	Resp:	36436
Ion	Ratio	Lower	Upper	
202	100			
101	11.6	0.0	30.7	
100	9.0	0.0	28.0	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.231 ng/ul

RT: 19.65 min Scan# 4260

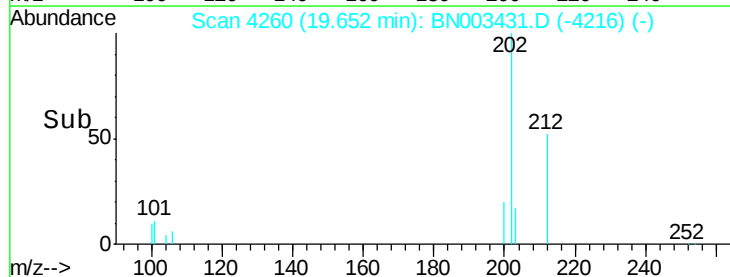
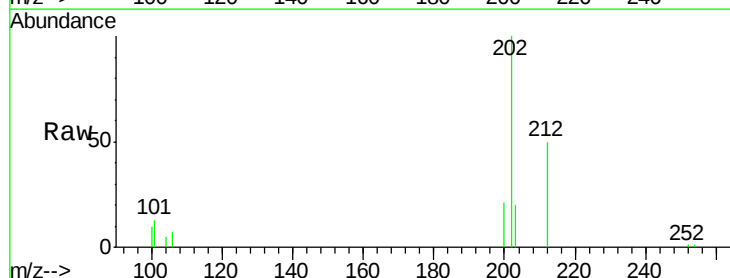
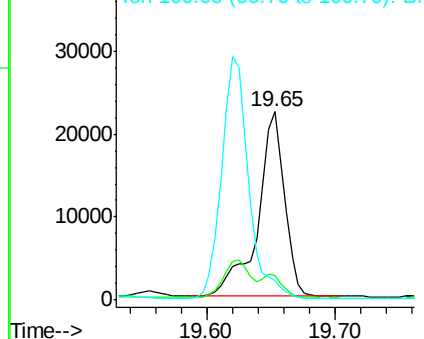
Delta R.T. 0.00 min

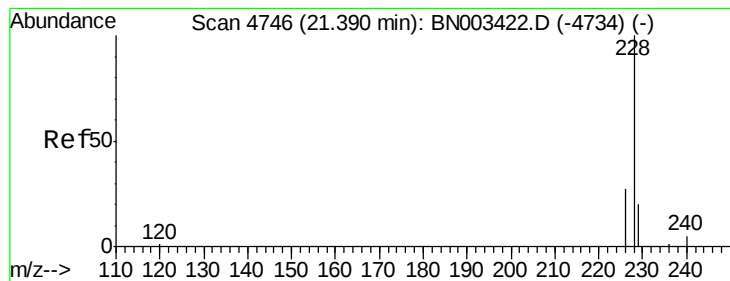
Lab File: BN003431.D

Acq: 05 Nov 2018 16:00

Tgt	Ion	202	Resp:	32490
Ion	Ratio	Lower	Upper	
202	100			
101	12.8	9.5	14.3	
100	10.3	7.5	11.3	

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.112 ng/ul m

RT: 21.39 min Scan# 4747

Delta R.T. 0.00 min

Lab File: BN003431.D

Acq: 05 Nov 2018 16:00

Instrument :

BNA_N

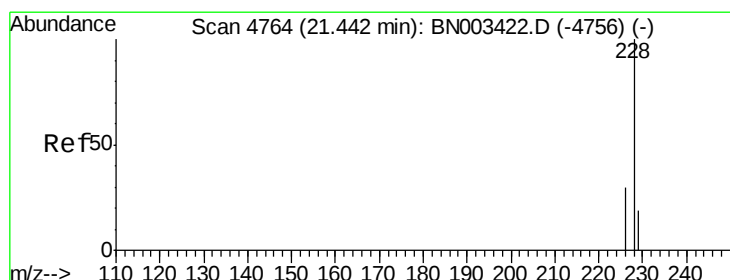
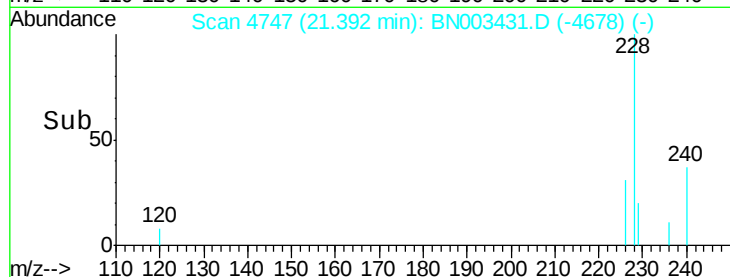
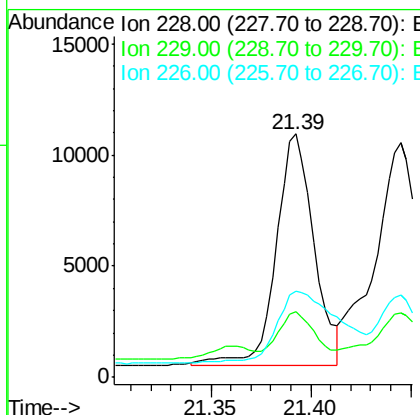
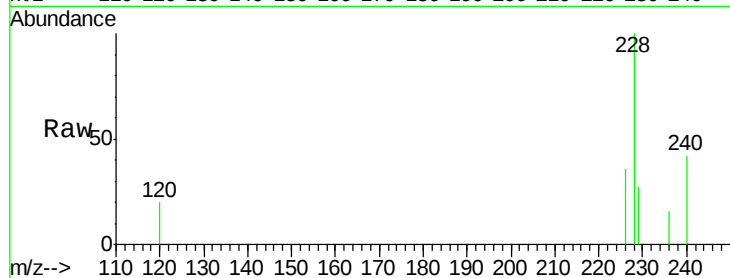
ClientSampled :

A40J6

Tgt Ion:	228	Resp:	13600
Ion Ratio	Lower	Upper	
228	100		
229	26.7	15.5	23.3#
226	35.6	21.5	32.3#

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#19

Chrysene

Concen: 0.110 ng/ul m

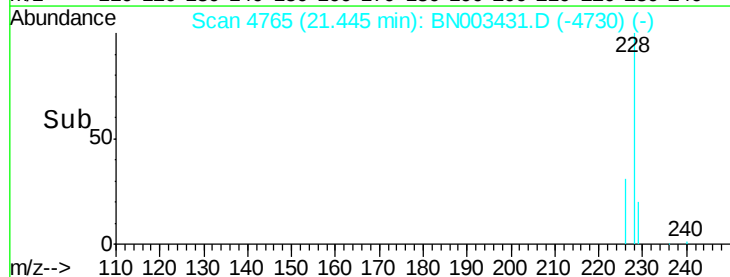
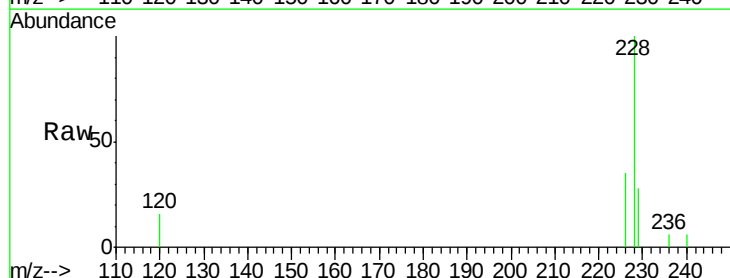
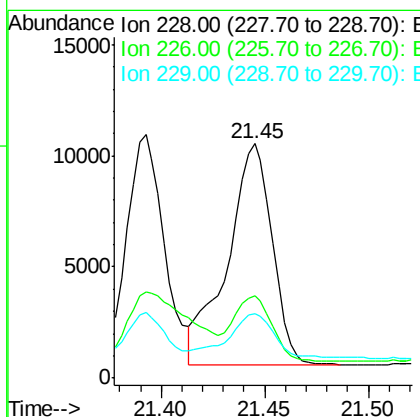
RT: 21.45 min Scan# 4765

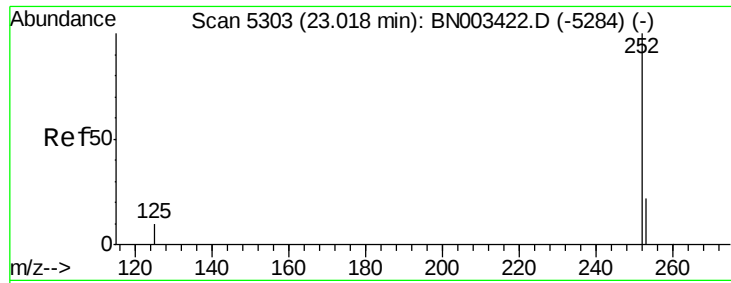
Delta R.T. 0.00 min

Lab File: BN003431.D

Acq: 05 Nov 2018 16:00

Tgt Ion:	228	Resp:	15119
Ion Ratio	Lower	Upper	
228	100		
226	35.3	23.8	35.6
229	27.7	15.5	23.3#





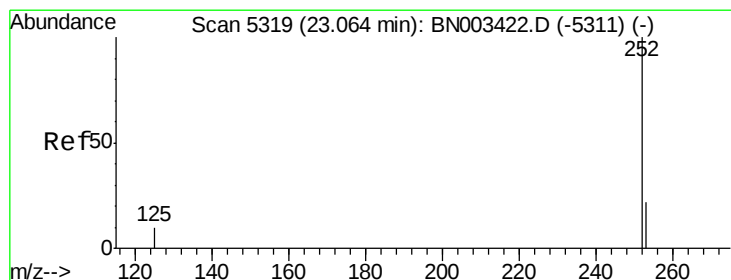
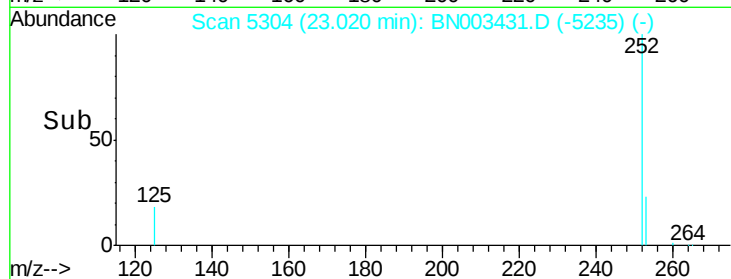
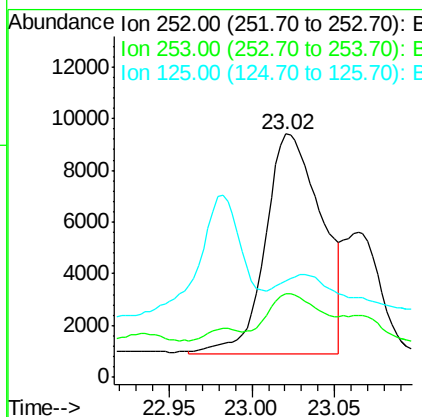
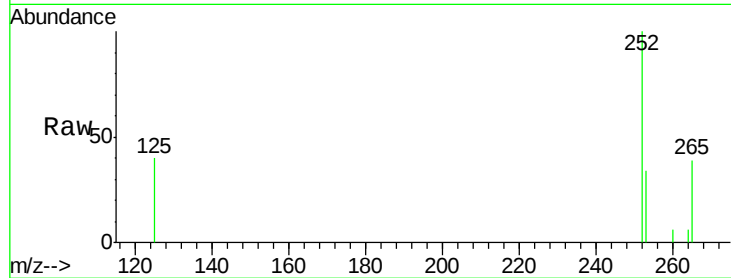
#21
Benzo(b)fluoranthene
Concen: 0.140 ng/ul m
RT: 23.02 min Scan# 5304
Delta R.T. 0.00 min
Lab File: BN003431.D
Acq: 05 Nov 2018 16:00

Instrument :
BNA_N
ClientSampleId :
A40J6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.5	0.0	45.6
125	39.8	0.0	21.8

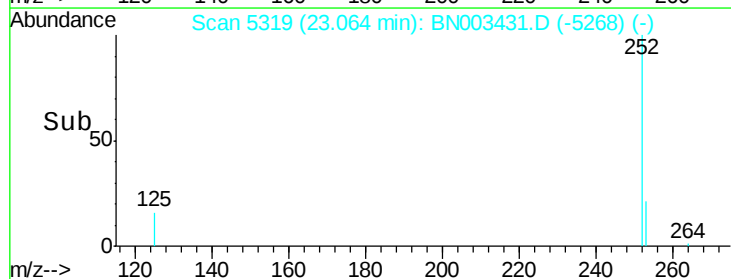
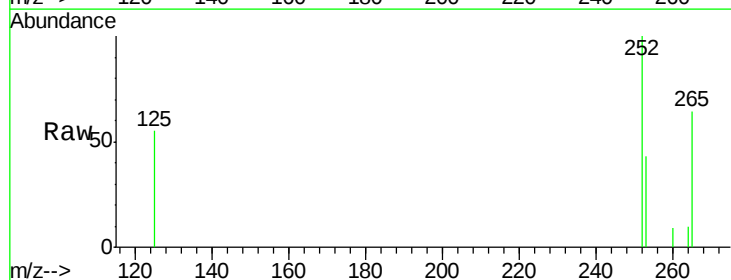
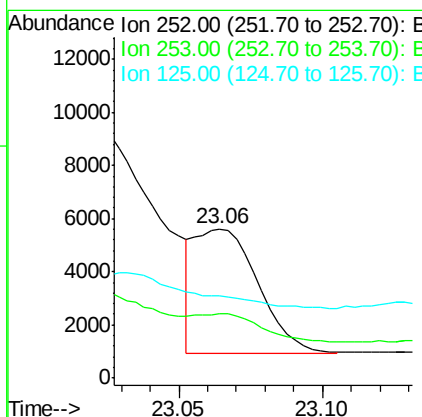
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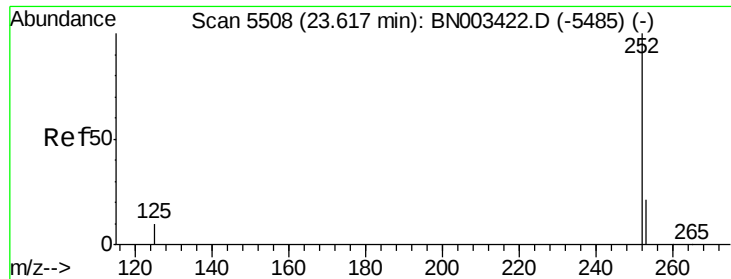
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#22
Benzo(k)fluoranthene
Concen: 0.051 ng/ul m
RT: 23.06 min Scan# 5319
Delta R.T. -0.00 min
Lab File: BN003431.D
Acq: 05 Nov 2018 16:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.8	18.2	27.4
125	55.2	8.6	13.0





#23

Benzo(a)pyrene

Concen: 0.107 ng/ul m

RT: 23.63 min Scan# 5511

Delta R.T. 0.01 min

Lab File: BN003431.D

Acq: 05 Nov 2018 16:00

Instrument :

BNA_N

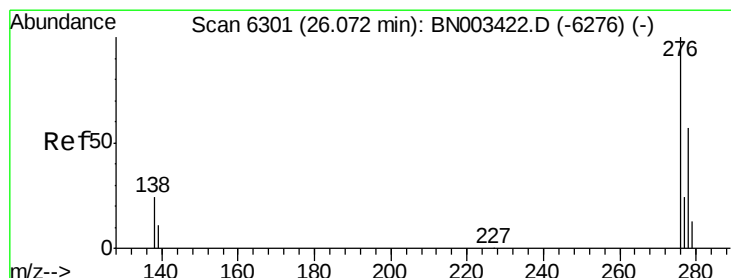
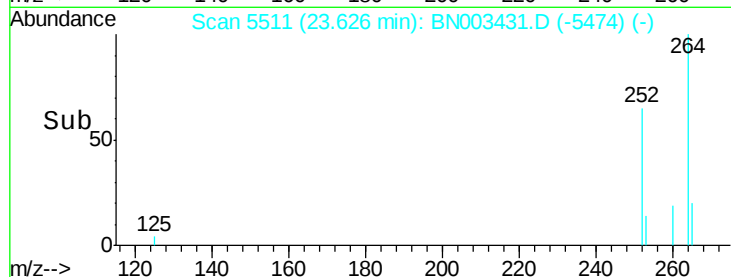
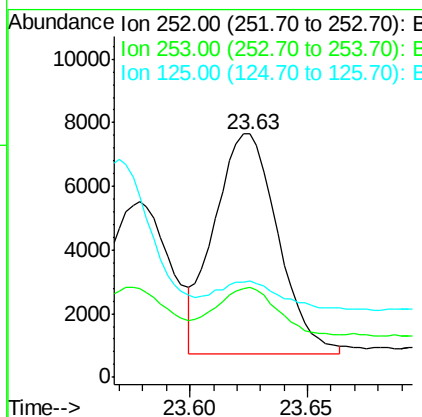
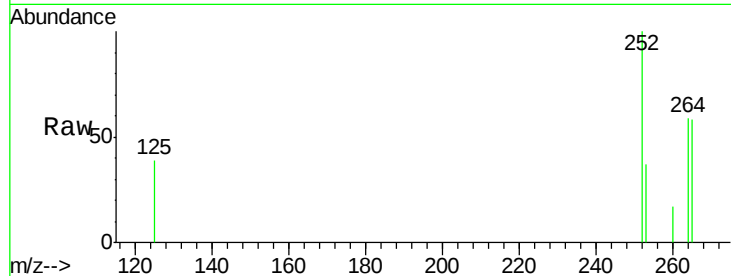
ClientSampleId :

A40J6

Tgt Ion:	252	Resp:	13030
Ion Ratio	Lower	Upper	
252	100		
253	37.0	18.5	27.7#
125	39.5	9.9	14.9#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.076 ng/ul m

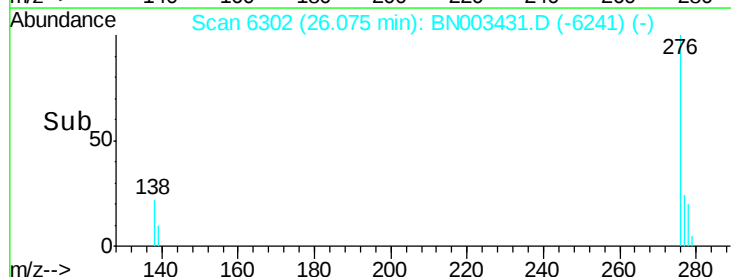
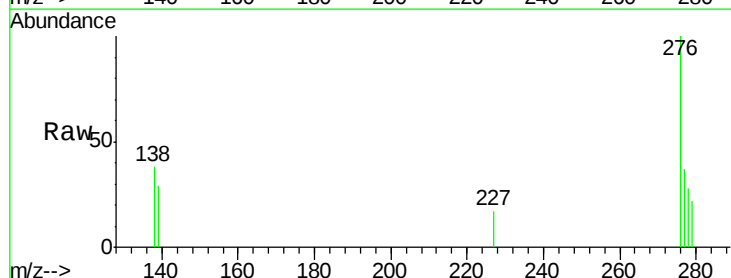
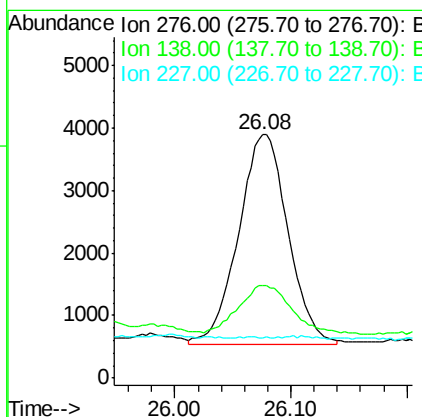
RT: 26.08 min Scan# 6302

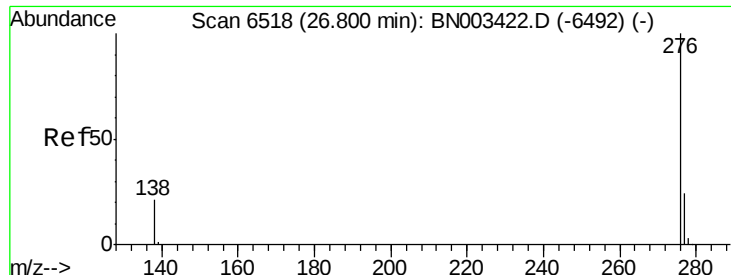
Delta R.T. 0.00 min

Lab File: BN003431.D

Acq: 05 Nov 2018 16:00

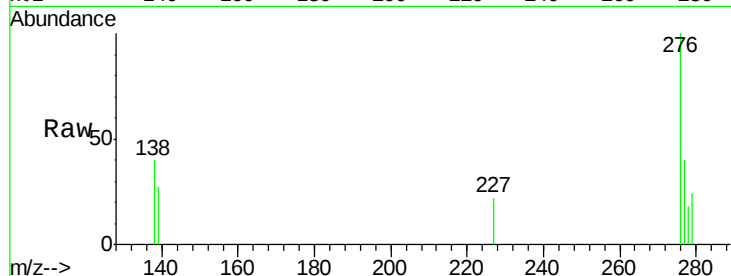
Tgt Ion:	276	Resp:	9913
Ion Ratio	Lower	Upper	
276	100		
138	0.2	19.8	29.8#
227	0.0	0.2	0.2#





#26
 Benzo(g,h,i)perylene
 Concen: 0.061 ng/ul m
 RT: 26.80 min Scan# 6519
 Delta R.T. 0.00 min
 Lab File: BN003431.D
 Acq: 05 Nov 2018 16:00

Instrument :
 BNA_N
 ClientSampleId :
 A40J6



Tgt Ion	Ratio	Lower	Upper
276	100		
138	40.5	17.0	25.6#
277	39.7	19.2	28.8#

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